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(71)Applicant : SHOWA HIGHPOLYMER CO LTD

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(54) PRODUCTION OF FIBER-REINFORCED PHENOLIC RESIN MOLDING

(57)Abstract:

PURPOSE: To obtain a room temperature or medium temperature-curable fiber- reinforced phenolic resin molding excellent in workability, curability and corrosiveness, by impregnating fiber with a liquid resol phenolic resin containing a specified acidic curing agent and curing the resin.

CONSTITUTION: The desired fiber-reinforced phenolic resin molding is obtained by adding an acidic curing agent comprising 90W20wt% (in terms of solids) sulfonated resin of a degree of sulfonation ($100 \times$ the ratio of the number of sulfonated phenolic nuclei to the total number of phenolic nuclei) of 20W70 and 10W80wt% (in terms of solids) acidic phosphate ester to a liquid resol phenolic resin, impregnating fiber with the obtained mixture and curing the mixture.

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